

CLAIMS

1. Device (1) for spreading adhesive for floor coverings, comprising a quadrangular housing (2) open at least on its lower face, said housing (2) comprising at least a first (2b), a second (2c) and a third (2d) vertical wall, said second (2c) and third (2d) vertical walls being opposite one another and each of said vertical walls comprising a lower edge and an upper edge, said housing (2) comprising at least one handle (4) and at least said first vertical wall comprising teeth (5) on the lower edge, characterised in that said vertical walls (2b, 2c, 2d) have an adjustable length provided in order to be adapted to a tile dimension.
2. Device (1) for spreading adhesive for floor coverings according to Claim 1, also comprising a fourth vertical wall (2a).
3. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 or 2, wherein at least one of said vertical walls comprises teeth on the upper edge.
4. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 3, also comprising a U-shaped component (15) comprising an upper opening and a lower support surface (18), said U-shaped component being provided in order to be disposed on the lower edge of said second and third vertical walls of said housing.
5. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 3, wherein said second (2c) and third (2d) vertical walls have, at least at the lower edge, a protuberance (15) extending downwards folded upwards, said protuberance having a lower support surface (18).

6. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 5, wherein said lower support surfaces (18) of said second (2c) and third (2d) walls are situated at least lower than said lower edge of said first wall (2b) and/or of the fourth wall (2a), when the device is 5 assembled.
7. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 6, wherein said teeth (5) are situated on at least one edge of an interchangeable plate (13), which is provided in order to be 10 fixed at the edge of at least one of said vertical walls.
8. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 7, wherein said interchangeable plates (13) have an adjustable length.
- 15 9. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 6, wherein said teeth (5) are integral with said edge of at least one of said vertical walls.
- 20 10. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 9, wherein said teeth (5) have a height and/or a width and/or a spacing which are different from one edge to the other and/or from one interchangeable plate (13) to another.
- 25 11. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 10, wherein at least said fourth (2a) vertical wall comprises said handle (4) on an external face.
- 30 12. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 11, wherein at least two vertical walls comprise an identical or different handle (4) on the external face.

13. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 12, wherein said handle is adjustable in length.
- 5 14. Device (1) for spreading adhesive for floor coverings according to any one of Claims 1 to 13, wherein said handle (4) connects the upper edges of the second (2c) and third (2d) vertical walls.
- 10 15. Device (1) for spreading adhesive for floor coverings according to Claim 1 to 14, wherein a second handle, adjustable in length, connects the upper edges of the second (2c) and third (2d) vertical walls.
- 15 16. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 15, also comprising a bar (3), one end (8) of which has a shape provided to be associated with the handle (4) of the housing (2), in an articulated and removable manner.
- 20 17. Device (1) for spreading adhesive for floor coverings according to Claim 16, wherein the bar (3) is telescopic.
- 25 18. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 17, wherein the teeth (5) have a height (h) and a width (w) in mm (h x w) chosen from amongst the following: 6 x 6, 8 x 8, 8 x 10, 10 x 12, 12 x 14.
19. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 18, wherein the teeth (5) have a spacing by a distance (in mm) chosen from amongst the following: 6, 8, 10, 12 and 14.

20. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 19, wherein the length of said vertical walls lies in the range 30 cm to 80 cm, and preferably 40 cm to 72 cm.
- 5    21. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 20, wherein the housing (2) is also provided with a masking plate (9) provided to be affixed to the internal face of at least one of said vertical walls at the level of the teeth (5), the masking plate (9) being provided to mask at least one of said teeth (5).
- 10    22. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 21, wherein a panel (14) is provided to be affixed to the internal face of at least one of said vertical walls provided with teeth (5), the panel (14) being provided to slide vertically so as to vary the height of
- 15    the teeth (5).
- 20    23. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 22, wherein a counterweight (17) is provided to be disposed in the region of the first vertical wall (2b), in particular on the upper edge of
- 25    said first vertical wall (2b).
24. Device (1) for spreading adhesive for floor coverings according to one of Claims 1 to 23, characterised in that it is manufactured from a material chosen from the group consisting of stainless steel, galvanised steel, rigid plastic, ceramic and mixtures thereof.